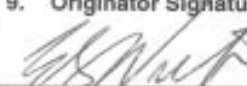
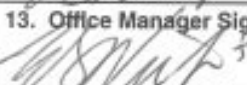
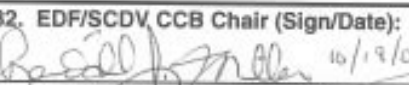



## ECS Configuration Change Request

Page 1 of 3 Page(s)

1. Originator Evan Winston	2. Log Date: 19 OCT 00	3. CCR #: 00-1029	4. Rev: -	5. Tel: (301) 925-0348	6. Rm #: 2013	7. Dept. DEV/CO
8. CCR Title: TE 5B.05_INGEST.04 to SMC for distribution to all DAACs, PVC and VATC. Provides SAGE III Interface Changes; ASTER Ingest CoreDumps and ASTER EDS/PDS Fixes. Delivers 5BP Capabilities NCEP AVN and Ingest BUFR (Prep QC).						
9. Originator Signature/Date  10/19/00		10. Class II	11. Type: CCR	12. Need Date: 10/19/00		
13. Office Manager Signature/Date  10/19/00		14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: None		17. Schedule Impact: None		18. CI(s) Affected: INGEST		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCR 27780, 27779, 28063, 28074 Plus Re-deliver from TE 5B.03_INGEST.03A: 27025, 26680, 27341, 27636, and 27646. Additional NCRs please see page 2.						
23. Problem: (use additional sheets if necessary) SAGE III Interface Changes. ASTER Ingest Core Dumps: 27779, 28063, and 28074 ASTER EDS/PDS Fix 27780. Also Delivers 5BP Capabilities: NCEP AVN and Ingest BUFR (PREP QC) - Capability ID 10025IN.  5B.05_INGEST.03A corrected for 27636 for 'OPS:5B.03:DA: ASTER L1A/L1B ODL mismatch errors'; and adds the Ingest DataBase Patches #51 and 52. Also: D3 Ingest problems, ASTER L1A, L1B prod. date time; Ingest db patches; Add new PSA; and ASTER '3' telescope data problems: 27025, 26680, 27341, 27646.						
24. Proposed Solution: (use additional sheets if necessary) Deliver the complete INGEST Subsystem: Core Dump corrections affected every Ingest Server. Since the complete INGEST is being delivered, all previous Ingest TEs should now be considered obsolete. The INGEST.03A NCRs are included above due to the fact that not all DAACs had installed it and the fixes are contained in this .04 TE.  Generate tar file with solution and distribute to SMC.						
25. Alternate Solution: (use additional sheets if necessary) Wait for 5B.06 PSR.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) ASTER INGEST problems will continue and SAGE III changes will not be available.						
27. Justification for Emergency (If Block 15 is "Emergency"): Ops at EDC requires immediate solution.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):  10/19/00		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):  10/19/00		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ECS/EDF/SCDV/M&amp;O

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## ADDITIONAL SHEET

CCR #: 00-1029 Rev: — Originator: Evan Winston

Telephone: x0348 Office: 2013

**Title of Change:** TE 5B.05\_INGEST.04 to SMC for distribution to all DAACs, PVC and VATC. Provides SAGE III Interface Changes; ASTER Ingest CoreDumps and ASTER EDS/PDS Fixes. Delivers 5BP Capabilities NCEP AVN and Ingest BUFR (Prep QC).

**5BP Capabilities:**

• NCEP AVN [5BP]

Allows Ingest to insert NCEP AVN data in GRIB format into the Science Data Server, convert the data to the HDF-EOS grid format, and insert the converted data into the Science Data Server in HDF-EOS format.

• Ingest BUFR (Prep QC) [5BP]

Allows Ingest to ingest NCEP PREPQC data in the BUFR format and insert that data into the SDSRV at the GSFC DAAC.

**Additional NCRs:** Since this TE is providing the entire Ingest package, other NCR fixes are included due to merges against the baseline:

28143,27438 Memory Leaks

27081 D3 Tape

28229,28112 Core Dumps

28194,28235 rgy patch; .cfg/mkcfg changes

23529 DAA improper after DAN error

27066 L7 Input

**CONTENT:**

CM: PLEASE,

build SGI (6n32) TAR file for the listed .pkg from 5B.06 baseline and provide to SMC

.EclnAPCSVR.pkg

.EclnINTFCSVR.pkg

build SGI (IRIX65) TAR file for the listed .pkg from 5B.06 baseline and provide to SMC.

.EclnAPCSVR.pkg

.EclnINTFCSVR.pkg

build SUN TAR file for the listed .pkg from the 5B.06 baseline and provide to SMC;

.EclnEMAILSVR.pkg

.EclnGUIOPSWs.pkg

SMC: Receive the TAR files and make available to the DAACs .

**DAAC Install Instructions:**

TE can be loaded on top of INGEST installations of 5B.03. This TE expires after installation of 5B.06 CUSTOM code in all modes.

**INSTALLATION:**

The ASTER problems occur at EDC, other DAACs may take this TE as required.

SAGE III changes and 5BP capabilities are also provided

**NOTE:** This TE 5B.05\_INGEST.04 is to be used in place of the obsolete TEs: 5B.05\_INGEST.03A, .03, .02, and .01. Discard any INGEST.01, and .02 and .03 and .03A files and TAR files.

ORIGINAL

NOTICE: !!!!!This TE has 2 sets of Tar files for SGI hosts - one to be used with sgi6n32 installs and one to be used with IRIX65 installs!!!!!!

Pick the required TAR file either for sgi6.2 or for IRIX6.5 OS.

For this install you will be using parts of the 5B.03 Install Instructions.

1. Get TAR Files from SMC distribution;  
Make sure you select the SUN TAR file plus the proper SGI TAR files--either for 6n32 or IRIX65.

2. UNTAR the files and copy to the staging area.

3. Modify the file permissions as specified below

```
cd/<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms  
chmod 744 ???????????? EcInDbLogin
```

4. On a SUN host, use E.A.S.I. to perform automated installation of the INGEST SGI and SUN hosts as follows:

- Select the Mode to be installed
- Enter the location of the staged files
- Select CUSTOM and Click Next
- Hold down the SHIFT Key and select each of the INGEST SGI and SUN hosts; expand down on each host and highlight the subsystem(INS) and Click Next
- Select Install as the Installation Phase and Click Next
- Select NORMAL as the Installation Type and STAGE as the Source File Location . Click Next
- Review the packages and hosts as displayed to ensure that they are going to be installed appropriately. Click Next
- Click COMM and ensure all INS (SUN and SGI) hosts turn green, signaling they are communicating with ECS E.A.S.I.
- Click INSTALL and monitor each host. Ensure each INS (SGI and SUN) host turns green signaling a successful installation.

5. Apply the INGEST Database patches on the INGEST xxicgx host. Must have DBO privilege to perform this task.:

- Determine the current version of the INGEST database
  - Use isql to access the INGEST database
  - Execute the following  
Select \* from EcDbDatabaseVersions where EcDbCurrentVersionFlag = "Y"
  - Record the value in the EcDbComments field
- Apply the INGEST Database Patch from the SubSystem Manager.
  - Click Database and Select Patch
  - Select .dbparms
  - In the Database Config Screen enter the next higher number than the number recorded in step a.iii above.
  - Continue to apply the database patches until the INGEST database is patched to 53 version.

NOTE ON DB PATCHES: If you have to install Patch #46 during this process; there will be an error reported with #46. This error can be ignored or:

To avoid this error message you need to go into Patch #46 and edit lines 49 and 53;

Delete the close paren ")" character at the end of lines 49 and 53, prior to applying Patch 46.

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